

14B-4 of Mines. The Census Bureau statistics for crushed and broken stone
are less comparable
to Mines statistics primarily because of the exclusion by the Bureau of
the Census of the

statistics on crushed and broken stone production by Federal, State, and local governments. The most nearly comparable statistics for stone from the two bureaus are shown in the table below. For crushed and broken stone, as indicated in this table, the Bureau of Mines shows separate figures for "commercial operations" and "government and contractor operations." Census figures include all of the first of these groups of establishments and some establishments in the second group, insofar as the latter represents contractors or subcontractors on Federal, State, or local government projects which were able to provide separate complete reports for their stone quarries.

Other reasons for differences in the product statistics are as follows:

(1) The Bureau of the Census collects information on shipments (and some data on stone produced and used in the same establishment) and calculates net shipments, whereas the Bureau of Mines obtains figures on stone sold or used.

(2) The Bureau of the Census excludes small establishments whose value of products and reported costs were below \$500. The Bureau of Mines includes all reports obtained regardless of size. However, the contribution to products of such establishments which Census excludes is usually small.

(3) Differences exist in coverage in certain areas for both collecting agencies.

(4) In some cases, a respondent reports his output of stone as one type of stone to the Bureau of the Census and as another to the Bureau of Mines.

(5) For dimension stone, the Bureau of the Census figures represent shipments of rough dimension stone from separately operated quarries as well as shipments of rough dimension stone and dressed dimension stone from quarries with associated dressing plants located at the quarry site. No figures are included in the Census tabulations in this report for shipments of dressed dimension stone from dressing plants not operated in conjunction with a quarry, even though such a dressing plant may be an integral part of a company engaged in quarrying and dressing stone. Bureau of Mines production data are compiled on the basis of quantities and values of sales of both rough blocks and finished products by primary producers. These Bureau of Mines figures are compiled on a company basis. For example, in the case of a stone company having three establishments, (a) a quarry with no dressing plant; (b) a quarry with a dressing plant; and (c) a separately operated dressing plant, the Census figures would include only the first two types of establishments, whereas the Bureau of Mines would compile its figures on output of stone for this company on the basis of the figures reported by all three types of establishments. Thus, the Bureau of Mines would show less rough dimension stone shipped for this company and more dressed dimension stone shipped than would be shown by the Bureau of the Census. There is a considerable tonnage loss in fabricating

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